

IN THE CLAIMS

Claim 1 (Currently amended): A ceramic heater comprising:
a sintered ceramic plate including,
a heating element formed inside the sintered ceramic plate,
a bottomed hole made, being directed from an opposite side to a heating surface for heating an object to be heated, toward the heating surface,
a bottom portion of said bottomed hole formed relatively nearer to the heating surface than the heating element, and
a temperature-measuring element included in said bottomed hole and pressed on the bottom portion of said bottomed hole.

Claim 2 (Currently amended): The ceramic heater according to claim 1,
wherein [the] a distance between [the] a bottom of said bottomed hole and said heating surface is from 0.1 mm to 1/2 of the thickness of the ceramic plate.

Claim 3 (Original): The ceramic heater according to claim 1,
wherein the ceramic constituting said ceramic heater is a nitride ceramic or a carbide ceramic.

Claim 4 (Original): The ceramic heater according to claim 1,
wherein said heating element is divided into at least two circuits.

Claim 5 (Original): The ceramic heater according to claim 1,
wherein said heating element has a section in a flat shape.

Claim 6 (Canceled)

Claim 7 (Canceled)

Claim 8 (Previously amended): The ceramic heater according to claim 1,
wherein said temperature-measuring element is a sheath type thermocouple.

Claim 9 (Canceled)

Claim 10 (Currently amended): The ceramic heater according to claim [10] 1,
wherein said temperature-measuring element is pressed thereon, by means of an
elastic body or a screw.

Claim 11 (Canceled)